

10/525,215

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1956	(502/103).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/15 14:07
L2	2303	(502/117).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/15 15:21
L3	930	(526/161).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/15 15:38
L4	119	(526/178).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/15 15:45
L5	77	(526/198).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/15 15:49
L6	1476	(526/348).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/15 16:16
L7	798	(546/2).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/15 16:16

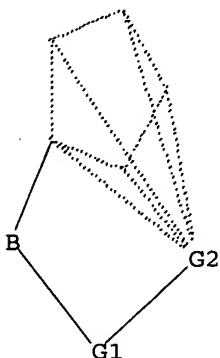
10/525,215

(FILE 'HOME' ENTERED AT 17:32:21 ON 15 APR 2006)

FILE 'REGISTRY' ENTERED AT 17:32:58 ON 15 APR 2006

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 N,P,As
G2 Cr,Mo,Ti,V,W

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 17:33:27 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 34 TO ITERATE

100.0% PROCESSED 34 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 331 TO 1029
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 17:33:32 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 502 TO ITERATE

100.0% PROCESSED 502 ITERATIONS 15 ANSWERS
SEARCH TIME: 00.00.01

L3 15 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 166.94 167.15

FILE 'CAPLUS' ENTERED AT 17:33:37 ON 15 APR 2006
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FILE COVERS 1907 - 15 Apr 2006 VOL 144 ISS 17
FILE LAST UPDATED: 14 Apr 2006 (20060414/ED)

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<http://www.cas.org/infopolicy.html>

=> s 13

L4 10 L3

=> d 1-10 bib abs

L4 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2006:81954 CAPLUS

DN 144:292857

TI Derivatization of, boryl substituted titanium half-sandwich complexes - Molecular structures of $[Ti\{\eta^5-C_5H_4\}B(NiPr_2)N(H)tBu]Cl_2(NMe_2)]$ and $[TiCl_2(\mu-OB(NHMe_2)-\eta^5-C_5H_4)]_2-\mu-O]$

AU Braunschweig, Holger; Breitling, Frank M.; Burschka, Christian; Seeler, Fabian

CS Institut fuer Anorganische Chemie, Julius-Maximilians-Universitaet Wuerzburg, Wuerzburg, D-97074, Germany

SO Journal of Organometallic Chemistry (2006), 691(4), 702-710
CODEN: JORCAI; ISSN: 0022-328X

PB Elsevier B.V.

DT Journal

LA English

AB The half-sandwich complex $[Ti\{\eta^5-C_5H_4\}B(NiPr_2)N(H)iPr](NMe_2)_3]$ (6) was prepared from $(\eta^1-C_5H_5)B(NiPr_2)N(H)iPr$ (5) and $[Ti(NMe_2)_4]$ with cleavage of one equiv of $HNMe_2$ and further converted into the corresponding constrained geometry complex $[Ti\{\eta^5-C_5H_4\}B(NiPr_2)NiPr](NMe_2)_2]$ (7) by elimination of a 2nd equiv of $HNMe_2$. Reaction of the half-sandwich complexes $[Ti\{\eta^5-C_5H_4\}B(NiPr_2)N(H)R](NMe_2)_3]$ ($R = iso-Pr, tert-Bu$) with excess Me_3SiCl yielded the corresponding dichloro complexes $[Ti\{\eta^5-C_5H_4\}B(NiPr_2)N(H)R]Cl_2(NMe_2)]$ [$R = tert-Bu$ (10), $iso-Pr$ (11)]. The intermediate species $[Ti\{\eta^5-C_5H_4\}B(NiPr_2)N(H)iPr]Cl(NMe_2)_2]$ (9) could also be spectroscopically characterized. Partial hydrolysis of 10 and 11, resp., gave $[TiCl_2(\mu-OB(NHMe_2)-\eta^5-C_5H_4)]_2-\mu-O]$ (12). The mol. structures of 10 and 12 were determined by x-ray crystallog. analyses. Complex 10, when activated with MAO, is a highly active styrene polymerization catalyst while being inactive towards the polymerization of ethylene.

RE.CNT 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:181532 CAPLUS

DN 141:23653

TI Synthesis and structure of boron-bridged constrained geometry complexes of titanium

AU Braunschweig, Holger; Breitling, Frank M.; von Koblinski, Carsten; White, Andrew J. P.; Williams, David J.

CS Institut fuer Anorganische Chemie, Julius-Maximilians-Universitaet Wuerzburg, Wuerzburg, D-97074, Germany

SO Dalton Transactions (2004), (6), 938-943
CODEN: DTARAF; ISSN: 1477-9226

PB Royal Society of Chemistry

DT Journal

LA English

OS CASREACT 141:23653

AB The boron-bridged constrained geometry titanium complexes $[Ti\{\eta^5-\eta^1-(C_5H_4)B(NR_2)NPh\}(NMe_2)_2]$ [$R = iPr$ (3), $SiMe_3$ (4)] and

[Ti{η⁵:η¹-(C₉H₆)B(NiPr₂)NPh}(NMe₂)₂] (12) have been prepared in good yields by amine elimination reaction from [Ti(NMe₂)₄]. Subsequent deamination-chlorination with excess Me₃SiCl yielded the corresponding dichloro complexes [Ti{η⁵:η¹-(C₅H₄)B(NR₂)NPh}Cl₂] [R = iPr (5), SiMe₃ (6)] and [Ti{η⁵:η¹-(C₉H₆)B(NiPr₂)NPh}Cl₂] (13). Reaction of the analogous ligand precursors (C₅H₅)B(NiPr₂)N(H)R [R = Cy (7), tBu (8)] with [Ti(NMe₂)₄] did not result in the expected bridged compds., but rather in the half-sandwich complexes [Ti{(η⁵-C₅H₄)B(NiPr₂)N(H)R}(NMe₂)₃] [R = Cy (9), tBu (10)]. All compds. were fully characterized by means of multinuclear NMR spectroscopy. Thorough investigation of substituent effects was achieved by comparative x-ray diffraction studies on complexes 3, 5, 6, and 12.

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:665632 CAPLUS
DN 139:365027
TI Ansa-metallocenes with B-N and B-P linkages: the importance of N-H...F-C hydrogen bonding in pentafluorophenyl boron compounds
AU Lancaster, Simon J.; Mountford, Andrew J.; Hughes, David L.; Schormann, Mark; Bochmann, Manfred
CS School of Chemical Sciences and Pharmacy, Wolfson Materials and Catalysis Centre, University of East Anglia, Norwich, NR4 7TJ, UK
SO Journal of Organometallic Chemistry (2003), 680(1-2), 193-205
CODEN: JORCAI; ISSN: 0022-328X
PB Elsevier Science B.V.
DT Journal
LA English
OS CASREACT 139:365027
AB The reaction of Cp(CpB)ZrCl₂ [CpB = η⁵-C₅H₄B(C₆F₅)₂] with LiNHCM₃ gave Cp(CpB)(μ-NHCM₃)ZrCl, with a constrained-geometry type Cp-B-N chelate ligand. The 19F-NMR spectrum of the Zr complexes, as well as that of the Ti analog, reveals C-F...H-N H bonding to one of the ortho-F atoms of a C₆F₅ ring, strong enough to persist in solution at room temperature. The reaction of Cp(CpB)TiCl₂ with LiPPh₂ affords the Cp-B-P chelate complex Cp(CpB)(μ-PPh₂)TiCl, the 1st example of a crystallog. characterized Ti(IV) phosphido compound. A 19F NMR study of a number of adducts of B(C₆F₅)₃ with primary and secondary amines demonstrates the importance of intramol. H bonding to C₆F₅ in this class of compds., while there are no such interactions in B(C₆F₅)₃(PHR₂) (R = Cy, Ph). The crystal structures of Cp(CpB)(μ-PPh₂)TiCl, B(C₆F₅)₃(NHMe₂) and B(C₆F₅)₃(PHCy₂) are reported.

RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2000:421150 CAPLUS
DN 133:59215
TI Metallocene complexes suitable as olefin polymerization catalysts
IN Kristen, Marc Oliver; Braunschweig, Holger; Von Koblinski, Carsten
PA BASF A.-G., Germany
SO PCT Int. Appl., 27 pp.
CODEN: PIXXD2

DT Patent
LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000035928	A1	20000622	WO 1999-EP10025	19991216
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				

CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

DE 19858016	A1	20000621	DE 1998-19858016	19981216
EP 1140955	A1	20011010	EP 1999-964586	19991216
EP 1140955	B1	20030312		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO

BR 9916281	A	20011204	BR 1999-16281	19991216
JP 2002532508	T2	20021002	JP 2000-588186	19991216
AT 234316	E	20030315	AT 1999-964586	19991216
ES 2195652	T3	20031201	ES 1999-964586	19991216
US 6756505	B1	20040629	US 2001-868101	20010614

PRAI DE 1998-19858016 A 19981216

WO 1999-EP10025 W 19991216

OS MARPAT 133:59215

AB The metallocene complexes of Group IVB-VIB metals comprise ≥ 1 substituted or unsubstituted cyclopentadienyl radical bonded to a Group III element. The Group III element is a component in a bridging link between the cyclopentadienyl radical and the metal ion, carrying a N-, P- or S-containing organic group as its only other substituent. Thus, reaction of CpNa (Cp = cyclopentadienyl) with iso-Pr₂NBCl₂ in hexane gave iso-Pr₂NBCp₂ (I), which (15 mmol) was treated with 15 mmol Ti(NMe₂)₄ at -60°, warmed to room temperature, and treated with 7.5 mmol R₂BCl (RH = pyrrolidine) to give [iso-Pr₂NBCp₂]Ti(Cl)NMe₂ (II) in 55% yield based on I. Polymerization of ethylene with the bridged metallocene II and Me aluminoxane at 20°/5 bars for 15 min gave polyethylene of intrinsic viscosity 3.35 dL/g with catalyst activity 5250 g polymer/g catalyst per h.

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:380862 CAPLUS

DN 133:150605

TI Synthesis and structure of the first boron-bridged constrained geometry complexes

AU Braunschweig, Holger; von Koblinski, Carsten; Englert, Ulli

CS Inst. Anorg. Chem., Tech. Hochschule, RWTH Aachen, Aachen, Germany

SO Chemical Communications (Cambridge) (2000), (12), 1049-1050

CODEN: CHCOFS; ISSN: 1359-7345

PB Royal Society of Chemistry

DT Journal

LA English

OS CASREACT 133:150605

AB In studies on new Ziegler-Natta-analogous catalyst systems, the 1st 'constrained geometry' complexes of Ti with a bridging B atom were conveniently obtained by a high yield synthesis and were structurally characterized.

RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:188866 CAPLUS

DN 132:334574

TI Synthetic, Reactivity, and Structural Studies on Borylcyclopentadienyl Complexes of Titanium: New CpB Titanocene Complexes with C-B-Cl, C-B-O, and C-B-N Bridges (CpB = η^5 -C₅H₄B(C₆F₅)₂)

AU Lancaster, Simon J.; Al-Benna, Sarah; Thornton-Pett, Mark; Bochmann, Manfred

CS School of Chemistry, University of Leeds, Leeds, LS2 9JT, UK

SO Organometallics (2000), 19(8), 1599-1608

CODEN: ORGND7; ISSN: 0276-7333

PB American Chemical Society

DT Journal

LA English

OS CASREACT 132:334574

AB The (borylcyclopentadienyl)titanium complex (CpB)TiCl₃ [1; CpB = η^5 -C₅H₄B(C₆F₅)₂] reacts with LiC₅H₅ (LiCp), LiC₅H₄SiMe₃ (LiCp'), and LiC₉H₇ (LiInd) to give the titanocene complexes (CpB)CpTiCl₂ (2), (CpB)Cp'TiCl₂ (3), and (CpB)(Ind)TiCl₂ (4), resp. In contrast to 1, which possesses piano stool geometry with an uncoordinated, trigonal-planar

boryl moiety, the -B(C₆F₅)₂ substituents in 2-4 act as intramol. Lewis acids by coordinating to chloride ligands, with formation of B-Cl-Ti bridges that have relatively short B-Cl and elongated Ti-Cl bonds. The compds. are fluxional, with the -B(C₆F₅)₂ moiety switching rapidly from one chloride ligand to the other (2: ΔG.thermod. = 37 kJ mol⁻¹ (200 K)). Recrystn. of 2 in the presence of traces of moisture afforded (CpB)CpTi(μ-OH)Cl (5), with a rigid B-O-Ti chelate arrangement. Treatment of 1 with 1 or 2 equiv of LiHNCMe₃ gives the binuclear Ti imido complexes [(CpB)TiCl(μ-NCMe₃)]₂ (7) and [(CpB)TiCl(μ-NCMe₃)·H₂NCMe₃]₂ (8), resp. These complexes are based on Ti₂N₂ rings but show no B-imide interactions. In contrast, the reaction of 2 with LiHNCMe₃ affords (CpB)CpTi(μ-NHCMe₃)Cl (9), which exhibits a constrained-geometry type Cp-B-N arrangement. The crystal structures of 4, 5, 8, and 9 were determined

RE.CNT 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1998:65941 CAPLUS

DN 128:141901

TI Producing elastomers in the presence of donor-acceptor-bridged metallocenes

IN Ostoja Starzewski, Karl-Heinz Aleksander; Kelly, Warren Mark; Stumpf, Andreas

PA Bayer A.-G., Germany

SO PCT Int. Appl., 89 pp.

CODEN: PIXXD2

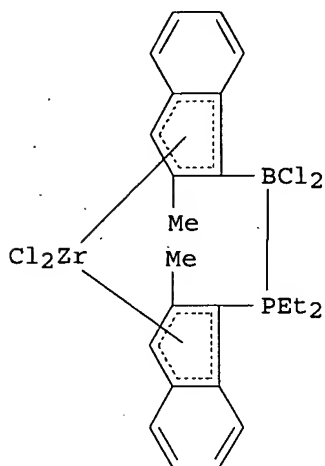
DT Patent

LA German

FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9801487	A1	19980115	WO 1997-EP3464	19970702
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	DE 19627064	A1	19980108	DE 1996-19627064	19960705
	DE 19627064	C2	19981203		
	DE 19714058	A1	19981008	DE 1997-19714058	19970405
	CA 2259434	AA	19980115	CA 1997-2259434	19970702
	CA 2259434	C	20060124		
	AU 9733456	A1	19980202	AU 1997-33456	19970702
	EP 909281	A1	19990421	EP 1997-929315	19970702
	EP 909281	B1	20000510		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, FI				
	AT 192755	E	20000515	AT 1997-929315	19970702
	JP 2000514120	T2	20001024	JP 1998-504743	19970702
	RU 2205189	C2	20030527	RU 1999-102242	19970702
	CA 2286360	AA	19981015	CA 1998-2286360	19980325
	WO 9845339	A1	19981015	WO 1998-EP1745	19980325
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
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	AU 9870410	A1	19981030	AU 1998-70410	19980325
	EP 971963	A1	20000119	EP 1998-917075	19980325
	EP 971963	B1	20020717		
	R: BE, DE, ES, FR, GB, IT, NL, SE				
	JP 2001518953	T2	20011016	JP 1998-542313	19980325
	ES 2181200	T3	20030216	ES 1998-917075	19980325

NO 9805860	A	19990215	NO 1998-5860	19981214
US 6172169	B1	20010109	US 1998-214191	19981230
US 6423659	B1	20020723	US 1999-402263	19991001
NO 9904838	A	19991130	NO 1999-4838	19991004
NO 319327	B1	20050711		
PRAI DE 1996-19627064	A	19960705		
DE 1997-19714058	A	19970405		
WO 1997-EP3464	W	19970702		
WO 1998-EP1745	W	19980325		
OS MARPAT 128:141901				
GI				



AB Elastomers can be produced by (co)polymerizing monomers from the group of C2-8 α -olefins, C4-15 diolefins, and other monomers in the solid phase, in solution, as a slurry, or in gas phase in the presence of the title metallocenes I.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1998:65940 CAPLUS

DN 128:141900

TI Producing thermoplastic elastomers in the presence of donor-acceptor-bridged metallocenes

IN Ostoja Starzewski, Karl-Heinz Aleksander; Kelly, Warren Mark; Stumpf, Andreas

PA Bayer A.G., Germany

SO PCT Int. Appl., 91 pp.

CODEN: PIXXD2

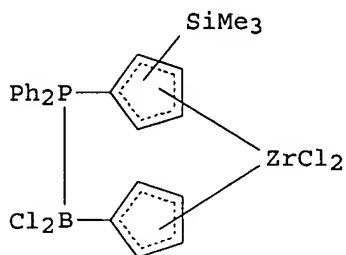
DT Patent

LA German

FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9801486	A1	19980115	WO 1997-EP3462	19970702
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	DE 19627064	A1	19980108	DE 1996-19627064	19960705
	DE 19627064	C2	19981203		
	DE 19714058	A1	19981008	DE 1997-19714058	19970405

CA 2259435	AA	19980115	CA 1997-2259435	19970702
CA 2259435	C	20060124		
AU 9734416	A1	19980202	AU 1997-34416	19970702
EP 909284	A1	19990421	EP 1997-930482	19970702
EP 909284	B1	20000202		
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, FI				
AT 189465	E	20000215	AT 1997-930482	19970702
JP 2000514119	T2	20001024	JP 1998-504741	19970702
CA 2286360	AA	19981015	CA 1998-2286360	19980325
WO 9845339	A1	19981015	WO 1998-EP1745	19980325
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9870410	A1	19981030	AU 1998-70410	19980325
EP 971963	A1	20000119	EP 1998-917075	19980325
EP 971963	B1	20020717		
R: BE, DE, ES, FR, GB, IT, NL, SE				
JP 2001518953	T2	20011016	JP 1998-542313	19980325
ES 2181200	T3	20030216	ES 1998-917075	19980325
US 6174974	B1	20010116	US 1998-214189	19981230
NO 9900017	A	19990215	NO 1999-17	19990104
NO 319759	B1	20050912		
US 6423659	B1	20020723	US 1999-402263	19991001
NO 9904838	A	19991130	NO 1999-4838	19991004
NO 319327	B1	20050711		
PRAI DE 1996-19627064	A	19960705		
DE 1997-19714058	A	19970405		
WO 1997-EP3462	W	19970702		
WO 1998-EP1745	W	19980325		
OS	MARPAT 128:141900			
GI				



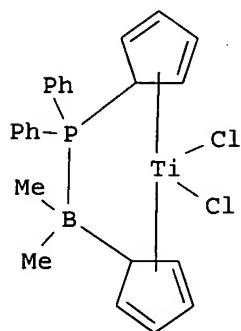
AB Thermoplastic elastomers are manufactured by (co)polymerizing monomers from the group of C2-8 α -olefins, C4-15 diolefins, and other monomers in the solid phase, in solution, as a slurry, or in the gas phase in the presence of the title metallocenes such as I.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1998:65939 CAPLUS
DN 128:128392
TI Producing high-melting polyolefins in the presence of donor-acceptor-bridged metallocenes
IN Ostojca Starzewski, Karl-Heinz Aleksander; Kelly, Warren Mark; Stumpf, Andreas
PA Bayer A.-G., Germany
SO PCT Int. Appl., 91 pp.
CODEN: PIXXD2

DT Patent
LA German
FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9801485	A1	19980115	WO 1997-EP3461	19970702
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	DE 19627064	A1	19980108	DE 1996-19627064	19960705
	DE 19627064	C2	19981203		
	DE 19714058	A1	19981008	DE 1997-19714058	19970405
	CA 2259438	AA	19980115	CA 1997-2259438	19970702
	CA 2259438	C	20060124		
	AU 9734415	A1	19980202	AU 1997-34415	19970702
	EP 909283	A1	19990421	EP 1997-930481	19970702
	EP 909283	B1	20000315		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, FI				
	AT 190632	E	20000415	AT 1997-930481	19970702
	JP 2000514118	T2	20001024	JP 1998-504740	19970702
	CA 2286360	AA	19981015	CA 1998-2286360	19980325
	WO 9845339	A1	19981015	WO 1998-EP1745	19980325
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
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	AU 9870410	A1	19981030	AU 1998-70410	19980325
	EP 971963	A1	20000119	EP 1998-917075	19980325
	EP 971963	B1	20020717		
	R: BE, DE, ES, FR, GB, IT, NL, SE				
	JP 2001518953	T2	20011016	JP 1998-542313	19980325
	ES 2181200	T3	20030216	ES 1998-917075	19980325
	US 6191241	B1	20010220	US 1998-214399	19981230
	NO 9900013	A	19990302	NO 1999-13	19990104
	NO 318242	B1	20050221		
	US 6423659	B1	20020723	US 1999-402263	19991001
	NO 9904838	A	19991130	NO 1999-4838	19991004
	NO 319327	B1	20050711		
PRAI	DE 1996-19627064	A	19960705		
	DE 1997-19714058	A	19970405		
	WO 1997-EP3461	W	19970702		
	WO 1998-EP1745	W	19980325		
OS	MARPAT 128:128392				
GI					



AB High-melting polyolefins are manufactured in solution, suspension, or gas phase using the title metallocenes such as I as catalysts.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1998:65938 CAPLUS

DN 128:141177

TI Method for producing cycloolefin (co)polymers with high transparency
IN Ostoja Starzewski, Karl-Heinz Aleksander; Kelly, Warren Mark; Stumpf, Andreas

PA Bayer A.-G., Germany

SO PCT Int. Appl., 91 pp.

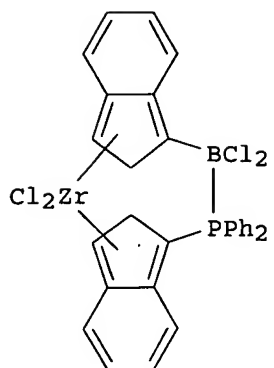
CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9801484	A1	19980115	WO 1997-EP3460	19970702
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	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	DE 19627064	A1	19980108	DE 1996-19627064	19960705
	DE 19627064	C2	19981203		
	DE 19714058	A1	19981008	DE 1997-19714058	19970405
	AU 9734414	A1	19980202	AU 1997-34414	19970702
	EP 909282	A1	19990421	EP 1997-930480	19970702
	EP 909282	B1	20000510		
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	AT 192756	E	20000515	AT 1997-930480	19970702
	JP 2000514117	T2	20001024	JP 1998-504739	19970702
	RU 2203288	C2	20030427	RU 1999-102240	19970702
	CA 2286360	AA	19981015	CA 1998-2286360	19980325
	WO 9845339	A1	19981015	WO 1998-EP1745	19980325
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9870410	A1	19981030	AU 1998-70410	19980325
	EP 971963	A1	20000119	EP 1998-917075	19980325
	EP 971963	B1	20020717		
	R: BE, DE, ES, FR, GB, IT, NL, SE				
	JP 2001518953	T2	20011016	JP 1998-542313	19980325
	ES 2181200	T3	20030216	ES 1998-917075	19980325
	US 6156857	A	20001205	US 1998-214190	19981230
	NO 9900014	A	19990104	NO 1999-14	19990104
	NO 318243	B1	20050221		
	US 6423659	B1	20020723	US 1999-402263	19991001
	NO 9904838	A	19991130	NO 1999-4838	19991004
	NO 319327	B1	20050711		
PRAI	DE 1996-19627064	A	19960705		
	DE 1997-19714058	A	19970405		
	WO 1997-EP3460	W	19970702		
	WO 1998-EP1745	W	19980325		
OS	MARPAT 128:141177				
GI					



AB Cycloolefin (co)polymers with high transparency are manufactured by (co)polymerizing monomers from a group of cyclic olefins, C₂ α-olefins, and optionally, conjugated or unconjugated diolefins in the presence of metallocenes having donor-acceptor bridges such as I.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT